Lockheed Martin Corporation Corporate Environment, Safety & Health West Coast Projects Office 2550 North Hollywood Way, 3rd Floor, Burbank, CA 91505-1055 Facsimile 818-847-0256 or 818-847-0170

LOCKHEED MARTIN

October 29, 2001

Mr. Gerard J. Thibeault Executive Officer California Regional Water Quality Control Board Santa Ana Region 3737 Main Street, Suite 500 Riverside, California 92501-3339

Dear Mr. Thibeault:

In accordance with the approved Water Supply Contingency Plan, enclosed is one copy of the August 2001 production well sampling report prepared by Earth Tech for Lockheed Martin Corporation. This report presents results from samples collected at Bunker Hill Basin production wells in August 2001.

Should you have any questions or comments, please contact me at 818-847-0296.

Sincerely,

Gene Matsushita

Com Matoushil.

GM:lg

Attachment

c: See Distribution List

Mr. Gerard J. Thibeault October 29, 2001 Page 2

Distribution List

(Abbreviated Report without Attachments "A" & "B", which are available upon request)

Kim Alexander, Psomas Engineering

Chris Bahnsen, San Bernardino Valley Water Conservation District

Kalyanpur Baliga, Department of Health Services (San Bernardino)

Mary Bridgewater, Department of the Air Force, AFBCA

W. William Bryden, City of San Bernardino

Tom Crowley, San Bernardino Valley Water Conservation District

Dodie Farmer, Victoria Farms Mutual Water Company

Douglas Headrick, City of Redlands

Ross Lewis, Gage Canal Company

Steve Mains, Western Municipal Water District

Morris Matson, Loma Linda University

Kevin Mayer, US EPA (Region IX)

Eugene McMeans, Riverside Highland Water Company

Zahra Panahi, City of Riverside

Dan Randall, City of Riverside

Bob Reiter, San Bernardino Valley Municipal Water District

Steve Williams, Department of Health Services (San Diego)

Alain Sharp, Earth Technology Corporation

Greg Snyder, City of Loma Linda

Glen Thomas, Mountain View Power Company

Dieter Wirtzfeld, City of Riverside

Mr. Gerard J. Thibeault October 29, 2001 Page 3

bc: Gallop, Johnson & Neuman

101 S. Hanley Road St. Louis, MO 63105 Attn: Michael Re

Highland Supply Corporation

111 Sixth Street Highland, IL 62249 Attn: Donald E. Weder

Seven W Enterprises, Inc. 1500 Crafton Avenue P.O. Box 111

Redlands, CA 92373-1730

Attn: Janet M. Weder

Mr. Gerard J. Thibeault October 29, 2001 Page 4

bc: Doug Goins, LMC-Legal (Denver)
Ian Hutchison, TRC (Irvine)
Gail Rymer, LMC-Communications (Bethesda)
Bob Simpson, LMC (Riverside)
Matt Werner, Earth Tech (Long Beach)

w/o attach: John Wiggin, LMC

RED Chron File – RED1001/068 WBS #48720 Redlands Repository

RED068 WSCP ProdWellSampling0801.doc

October 26, 2001

Lockheed Martin Corporation West Coast Project Office 2550 N. Hollywood Way, 3rd Floor Burbank, California 91505

Attention:

Mr. Gene Matsushita

Project Supervisor

Subject:

August 2001 Data Report

Water Supply Contingency Plan Production Well Sampling Program Crafton-Redlands Plume Project Telephone

562.951.2000

Facsimile

562.951.2100

Dear Mr. Matsushita:

This report presents a summary of results of the Water Supply Contingency Plan production well sampling for the month of August 2001. The Water Supply Contingency Plan (WSCP) was prepared by Lockheed Martin Corporation and submitted to the State of California Regional Water Quality Control Board (RWQCB) Santa Ana Region on September 30, 1996. The plan was conditionally approved by the RWQCB in a letter dated March 6, 1997. The WSCP for the Crafton-Redlands Plume was prepared to address maintenance of water supply to purveyors in the event that wells became impacted with trichloroethene (TCE) from the Crafton-Redlands TCE Plume. A summary of key dates and WSCP sampling program evolution is provided on Table 1.

The locations of the WSCP wells and analytical results for the August 2001 sampling event for TCE and perchlorate are shown on Figures 1 and 2, respectively. Table 2 presents a summary of analytical tests performed on each WSCP well and water system sampling point. The sampling frequency of each well is once a month for the first year. More frequent sampling, if required, is based on the analytical results as outlined in the WSCP TCE and perchlorate decision matrices, provided as Figures 3 and 4, respectively. The perchlorate decision matrix was presented in the Perchlorate Work Plan and Schedule, which was submitted to the RWQCB on August 15, 1997. The RWQCB approved the Perchlorate Work Plan on October 31, 1997. Table 3 presents a summary of the wells sampled twice monthly according to the decision matrices.

RESULTS

Summaries of the analytical results for the August 2001 WSCP sampling event for TCE and perchlorate are shown on Figures 1 and 2, respectively, and presented on Table 4. Available groundwater elevation data are provided on Table 5. The water sampling field forms are provided in Attachment A. Chain-of-custody, laboratory data sheets, and Level III laboratory quality assurance/quality control (QA/QC) documentation are provided in Attachment B.

Trichloroethene

Three groundwater samples collected in August met or exceeded $2/5^{th}$ the MCL for TCE (i.e., were greater than or equal to $2.0~\mu g/L$) including: Gage 26-1 (7.3 $\mu g/L$), Gage 27-1 (5.2 $\mu g/L$) and Gage 29-2 (5.2 $\mu g/L$). The TCE impacts at Gage 26-1, Gage 27-1, Gage 29-2 and Gage 29-3 are partially attributed to the Norton AFB plume and partially attributed to the Crafton Redlands plume.

TCE was detected in Richardson #1 at 1.5 µg/L.

Gage 26-1 and Gage 27-1 were placed into TCE treatment in May 1999; TCE treatment was installed at Gage 29-2, Gage 29-3, and Gage 92-1 in February 2000. Therefore, these five wells will be sampled once a month for TCE when active.

Perchlorate

In the August WSCP sampling, perchlorate was detected at or above 75 percent of the PAL (i.e., greater than or equal to13.5 μ g/L) in Gage 29-2 (34 μ g/L), Gage 51-1 (36 μ g/L), Gage 66-1 (14 μ g/L) and Gage 92-1 (16 μ g/L).

Perchlorate was detected in Richardson #1 at 13 µg/L.

Gage 27-2, Gage 29-1, Gage 29-2, Gage 29-3, Gage 51-1, Gage 66-1, Gage 92-1 and COLL Richardson #1 wells are currently being sampled twice a month for perchlorate, if active.

CLOSING

Earth Tech greatly appreciates being of continued service to Lockheed Martin Corporation on this project. Should you have any questions or comments, please do not hesitate to call.

Sincerely, Earth Tech

Eric Peterson, P.E. Program Director

Matthew Werner, R.G., C.E.G., C.H.

Project Manager

TABLES

TABLE 1

KEY PROJECT DATES AND WSCP SAMPLING PROGRAM EVOLUTION

August 2, 1996, the RWQCB – Santa Ana Region requested Lockheed Martin to submit a conceptual Water Supply Contingency Plan.

September 30, 1996, Lockheed Martin submitted the Water Supply Contingency Plan (WSCP) to the RWQCB – Santa Ana Region.

March 6, 1997, the RWQCB conditionally approved the WSCP, which included sampling eight production wells (City of Loma Linda Richardson #1, Richardson #2, Mountain View #1, Mountain View #2, Victoria Farms Mutual Water Company Wells #1 and #3, and Southern California Edison #1 and #2).

June 1997, Victoria Farms Mutual Water Company was connected of City of San Bernardino Water. Pumping ceased at VFMWC #1 and #3, and the two wells were removed from the program.

June 1997, sampling of SCE #1 was discontinued because it is not operated on a regular basis. The WSCP consists of five wells, including COLL Mountain View #1 and #2, COLL Richardson #1 and #2, and SCE #2 (AUX).

August 1997, the WSCP was expanded due to the detection of perchlorate in municipal supply wells in the Bunker Hill Basin. Twenty-six wells were added to the WSCP including nineteen City of Riverside wells, five City of Redlands wells, and two Loma Linda University wells, for a total of 31 wells.

October 1997, three City of Riverside water system sampling points were added to the WSCP, including the Gage system pipeline (Gage Delivery), the Waterman system pipeline (Iowa Booster), and the sampling station measuring outflow from the Linden and Evans Reservoirs (7th & Chicago).

March 1998, two City of Loma Linda water system sampling points were added to the WSCP, including the Mountain View system pipeline (Mountain View Blend at Lawton) and the Richardson system pipeline (Richardson Blend).

June 1998, one City of Riverside irrigation water system sampling point (Gage Arlington) and one additional City of Loma Linda water system sampling point (Mountain View Blend at Timoteo) were added to the WSCP.

December 1998, the COLL Richardson #3 well was added to the WSCP Sampling Program.

May 1999, Sampling of Mountain View Blend at Timoteo was discontinued because it does not represent a blend sample of the Mountain View pipeline system.

December 1999, the COLL Mountain View #3 well and the Gage 98-1 well were added to the WSCP Sampling Program

February 2000, the COLL Richardson #2 well was decommissioned, and therefore removed from the WSCP Sampling Program.

May 2000, Mountain View #2 was decommissioned, and therefore removed from the WSCP Sampling Program.

October 2000, COLL Mountain View #4 and COLL Richardson #4 were added to the WSCP Sampling Program.

TABLE 2
WSCP PRODUCTION WELL SAMPLING PROGRAM

| w #3 w #4 t1 t3 t4 em Sampling Points w Blend - Lawton | X X X X X | X X X X |
|---|---|------------------|
| w #4 f1 f3 f4 fm Sampling Points fw Blend - Lawton | X X X X | X X X |
| t1 t3 t4 m Sampling Points w Blend - Lawton | X X X | X X |
| t3 f4 m Sampling Points w Blend - Lawton | X | X |
| M Sampling Points W Blend - Lawton | X | |
| m Sampling Points w Blend - Lawton | | X |
| w Blend - Lawton | | |
| | | |
| Blend | | X |
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| | X | X |
| rstem) | | |
| 10: | X | |
| | X | |
| | X | |
| Sampling Points | | |
| r (Waterman) | X | X |
| ry (Gage) | X | X |
| go (Reservoir) | X | X |
| on | X | |
| | | |
| n St | X | |
| | X | |
| ne Acres | X | |
| a St | X | |
| - 0t | Y | X |
| | ry (Gage) go (Reservoir) on n St | ry (Gage) X |

Notes:

TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified)

TCE analyzed using EPA Method 502.2

TABLE 3

WSCP PRODUCTION WELL SAMPLING PROGRAM AUGUST 2001 WELLS SAMPLED TWICE MONTHLY

| Well Number | Well Name | Perchlorate | TCE |
|-------------------|-----------------|-------------|-----|
| City of Loma Lin | nda | | |
| 693 | Richardson #1 | X | |
| City of Riverside | e (Gage System) | | |
| 259 | Gage #27-2 | X | |
| 219 | Gage #29-2 | X | |
| 220 | Gage #29-3 | X | |
| 253 | Gage #51-1 | X | |
| 257 | Gage #66-1 | X | |
| 644 | Gage #92-1 | X | |

Notes:

TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified)

TCE analyzed using EPA Method 502.2

TABLE 4

WSCP PRODUCTION WELL SAMPLING PROGRAM AUGUST 2001 DATA RESULTS

| Well Number | Well Name | . A ³ 3 · | Perchlorate (ug/L) | TCE (ug/L) Del Mar | |
|-------------------|---------------------------------------|----------------------|--|--------------------|--|
| | | Sample Date | Del Mar | | |
| City of Loma Lind | 9 | | Contract Con | | |
| 3106 | Mountain View #3 | NS | NS . | NS NS | |
| 3171 | Mountain View #4c | 8/1/01 | ND (4.0) | ND (0.5) | |
| 693 | Richardson #1* | 8/1/01 | 13 | 1.5 | |
| 693 | Richardson #1* | 8/15/01 | 13 | NA NA | |
| 707 | Richardson #3 | NS | NS | NS | |
| 3132 | Richardson #4 | 8/1/01 | ND (4.0) | ND (0.5) | |
| | a Water System Sampling Points | | · | | |
| 2967 | Mountain View Blend - Lawton | NS | NS | NS NS | |
| 2968 | Richardson Blend | 8/1/01 | 4.8 | ND (0.5) | |
| | ower (Formerly Southern California Ed | | 17. | TAX | |
| 554 | SCE #2 (AUX) ^a | NS NS | NS NS | N\$ | |
| Loma Linda Unive | | 0/0/04 | · | 11/1 | |
| 267 | LL Univ Anderson #2 | 8/2/01 | 5.7 | NA NA | |
| 717 | LL Univ Anderson #3 | 8/2/01 | ND (4.0) | l NA | |
| City of Riverside | (Gage System) | 1 0/0/04 | 7 | ** ** *** | |
| 252 | | 8/2/01 | 7.9 | 7.3 | |
| 258 | Gage #27-1 ^b | 8/2/01 | 7.2 | 5.1 | |
| 258 | Gage #27-1 ^b (Duplicate) | 8/2/01 | 6.5 | 5.2 | |
| 259 | Gage #27-2* | 8/2/01 | 10 | NA NA | |
| 259 | Gage #27-2* | 8/15/01 | 9.8 | NA NA | |
| 260 | Gage #29-1 | 8/2/01 | 8.3 | NA NA | |
| 260 | Gage #29-1 (Duplicate) | 8/2/01 | 8.2 | NA NA | |
| 219 | Gage #29-2 ^{b*} | 8/2/01 | 33 | 5.2 | |
| 219 | Gage #29-2 ^{b*} | 8/15/01 | 34 | NA NA | |
| 220 | Gage #29-3 ^{b*} | NS | NS | NS | |
| 218 | Gage #30-1 ^a | NS | NS | NS | |
| 214 | Gage #31-1 | 8/2/01 | 7.2 | NA NA | |
| 215 | Gage #46-1 | 8/2/01 | 9.8 | NA NA | |
| 253 | Gage #51-1 ^{b*} | 8/2/01 | 34 | 1.5 | |
| 253 | Gage #51-1 ^{b*} | 8/15/01 | 36 | NA | |
| 216 | Gage #56-1 ^a | NS | NS | NS | |
| 257 | Gage #66-1* | 8/2/01 | 12 | NA NA | |
| 257 | Gage #66-1* | 8/15/01 | 14 | NA NA | |
| 257 | Gage #66-1* (Duplicate) | 8/15/01 | 13 | NA NA | |
| 644 | Gage #92-1 ^{b*} | 8/2/01 | 15 | 1.4 | |
| 644 | Gage #92-1 ^{b*} | 8/15/01 | 16 | NA NA | |
| 641 | Gage #92-2ª | NS | NS | NS | |
| 642 | Gage #92-3ª | NS | NS | NS | |
| 3091 | Gage #98-1 | NŞ | NŞ | NS | |
| City of Riverside | (Waterman System) | | | | |
| 273 | Hunt #6 | 8/1/01 | 6.2 | NA NA | |
| 273 | Hunt #6 (Duplicate) | 8/1/01 | 6.2 | NA NA | |
| 271 | Hunt #10 | 8/1/01 | 5.3 | NA NA | |
| 272 | Hunt #11 | 8/1/01 | 6.8 | NA NA | |
| | Water System Sampling Points | | Y | | |
| 2946 | Iowa Booster (Waterman) | 8/1/01 | ND (4.0) | ND (0.5) | |
| 2947 | Gage Delivery (Gage) | 8/1/01 | 7.0 | ND (0.5) | |
| 2947 | Gage Delivery (Gage) Duplicate | 8/1/01 | NA NA | ND (0.5) | |
| 2948 | 7th & Chicago (Reservoir) | 8/1/01 | 4.6 | ND (0.5) | |
| 3018 | Gage Arlington | 8/1/01 | 7.0 | <u> NA</u> | |
| City of Redlands | | 1 | 1 20 | <u> </u> | |
| 542 | COR Church St ^a | NS | NS | NS | |
| 2673 | COR #38ª | NS | NS | NS | |
| 535 | COR Mentone Acres ^a | NS | NS | NS | |
| 29 | COR Orange St ^a | NS | NS | NS | |
| 74 | COR Rees | 8/1/01 | 5.2 | NA NA | |

Notes

* = Wells currently being sampled twice monthly for perchlorate and/or TCE

ND(4) = Not detected at the specified limit

NA = Not Analyzed
NS = Not Sampled

TCE = Trichloroethene

Perchlorate analyzed using DHS Method (EPA 300.0 Modified

TCE analyzed using EPA Method 502.2

- a = Well sampled on quarterly basis, if active
- b = TCE treatment is installed
- c =Water purged to waste and not into system

TABLE 5

SUMMARY OF WATER LEVEL MEASUREMENTS AUGUST 2001 SAMPLING EVENT

| Well Number | Well Name | Measure Date | Depth to Water | Measuring Point Elevation | Groundwater Elevation | Comments |
|-------------------|------------------------------|----------------|---|------------------------------|---|----------|
| City of Loma Line | da | | | | 4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| 3106 | Mountain View #3 | 8/6/01 | 133 | 1086 | 953 | Pumping |
| 3171 | Mountain View #4 | 8/6/01 | 144 | 1106 | 962 | Static |
| 693 | Richardson #1 | 8/6/01 | 194 | 1077 | 883 | Pumping |
| 707 | Richardson #3 | 8/6/01 | 200 | 1078.69 | 878.69 | Static |
| 3132 | Richardson #4 | 8/6/01 | 167 | 1074 | 907 | Pumping |
| Mountian View P | ower (Formerly Southern Cali | fornia Edison) | | * | A | |
| 554 | SCE #2 (AUX) | 8/1/01 | NM | 1100 | NM | Static |
| Loma Linda Univ | | | | <u> </u> | .t | |
| 267 | LL Univ Anderson #2 | 8/2/01 | NM | 1075 | NM | Pumping |
| 717 | LL Univ Anderson #3 | 8/2/01 | NM | 1070 | NM | Pumping |
| I | (Gage System) | ** - *** | ** | | | 1 3 |
| 252 | Gage #26-1 | 8/1/01 | 98.10 | 1045.33 | 947.23 | Pumping |
| 258 | Gage #27-1 | 8/1/01 | 93.80 | 1044.64 | 950.84 | Pumping |
| 259 | Gage #27-2 | 8/1/01 | 80.80 | 1044.64 | 963.84 | Static |
| 260 | Gage #29-1 | 8/1/01 | 93.00 | 1044.43 | 951.43 | Pumping |
| 219 | Gage #29-2 | 8/1/01 | 86.40 | 1046.31 | 959.91 | Pumping |
| 220 | Gage #29-3 | 8/1/01 | 76.10 | 1048.75 | 972.65 | Static |
| 218 | Gage #30-1 | 8/1/01 | 192.60 | 1054.17 | 861.57 | Pumping |
| 214 | Gage #31-1 | 8/1/01 | 145.50 | 1054.64 | 909.14 | Pumping |
| 215 | Gage #46-1 | 8/1/01 | 124.20 | 1065.5 | 941.3 | Pumping |
| 253 | Gage #51-1 | 8/1/01 | 188.70 | 1044.64 | 855.94 | Pumping |
| 216 | Gage #56-1 | 8/1/01 | 198.30 | 1065.5 | 867.2 | Pumping |
| 257 | Gage #66-1 | 8/1/01 | 124.40 | 1044.85 | 920.45 | Static |
| 644 | Gage #92-1 | 8/1/01 | 190.70 | 1047.78 | 857.08 | Pumping |
| 641 | Gage #92-2 | 8/1/01 | 221.10 | 1053.38 | 832.28 | Pumping |
| 642 | Gage #92-3 | 8/1/01 | 211.30 | 1058.78 | 847.48 | Pumping |
| 3091 | Gage #98-1 | 8/1/01 | 208.60 | 1058.78 | 850.18 | Pumping |
| City of Riverside | (Waterman System) | | - 32 - 15 - 15 - 15 - 15 - 15 - 15 - 15 - 1 | | <u> </u> | |
| 273 | Hunt #6 | 8/1/01 | NM | 1015.5 | NM | Pumping |
| 271 | Hunt #10 | 8/1/01 | NM | 1017 | NM | Pumping |
| 272 | Hunt #11 | 8/1/01 | NM | 1015.7 | NM | Pumping |
| City of Redlands | | · . | | | *************************************** | |
| 542 | COR Church St | 8/1/01 | NA NA | 1344.8 | NA | Pumping |
| 2673 | COR #38 | 8/1/01 | NA | 1193 | NA | Pumping |
| 535 | COR Mentone Acres | 8/1/01 | NA | 1506.4 | NA | Pumping |
| 29 | Cor Orange St | 8/1/01 | NA | 1282 | NA | Pumping |
| 74 | COR Rees | 8/1/01 | NA | 1490 | NA | Pumping |

Notes:

All measurements reported in feet below measuring point (ft-bmp)

Water level measurements for all City of Loma Linda, City of Riverside, and City of Redlands wells were obtained by purveyor personnel.

Elevations given in feet above mean sea level (ft-msl)

NM = Not measured

NA = Data not available

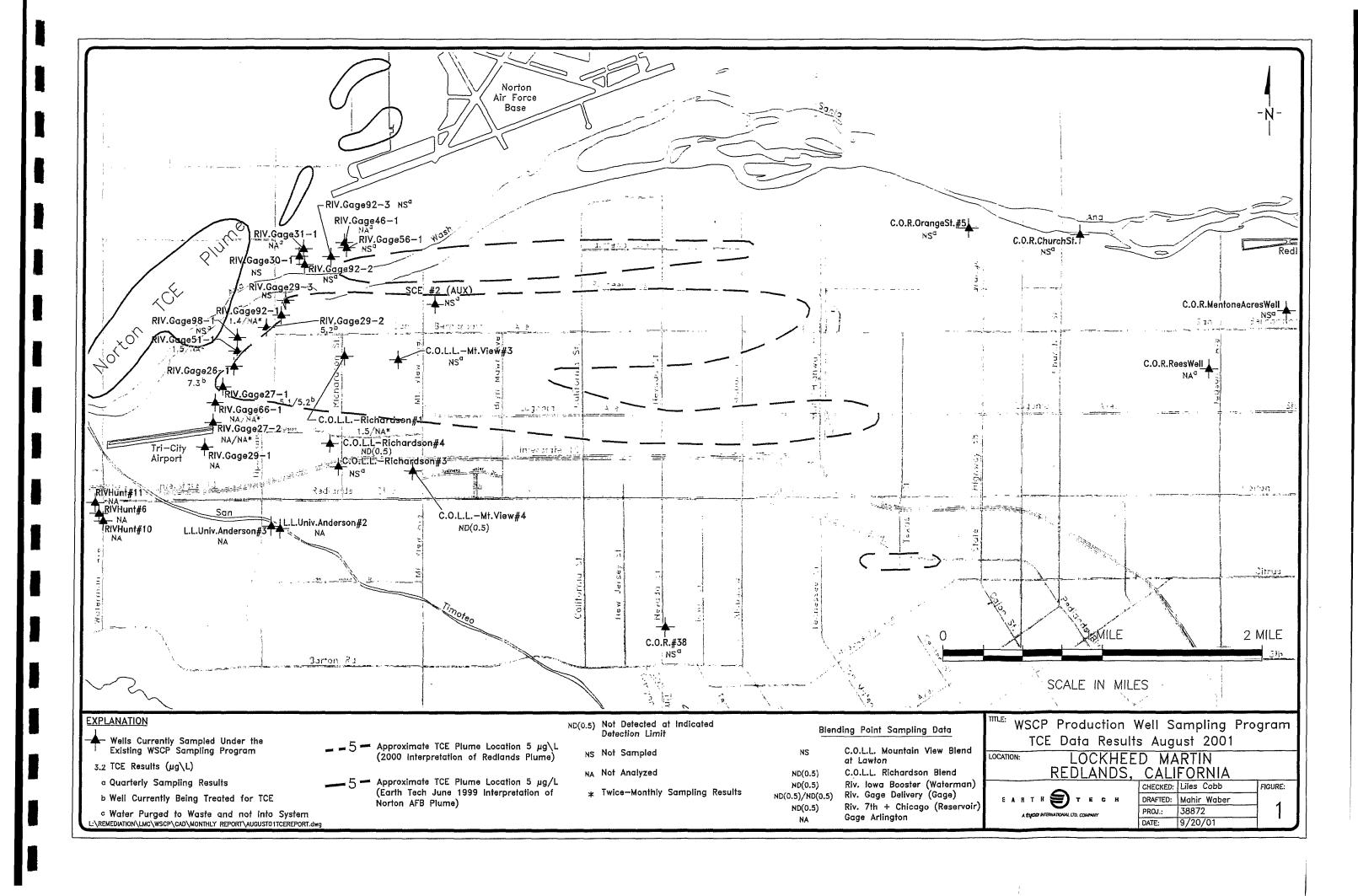
Static water levels were allowed to recover a minimum of 30 minutes to obtain a static water level measurement

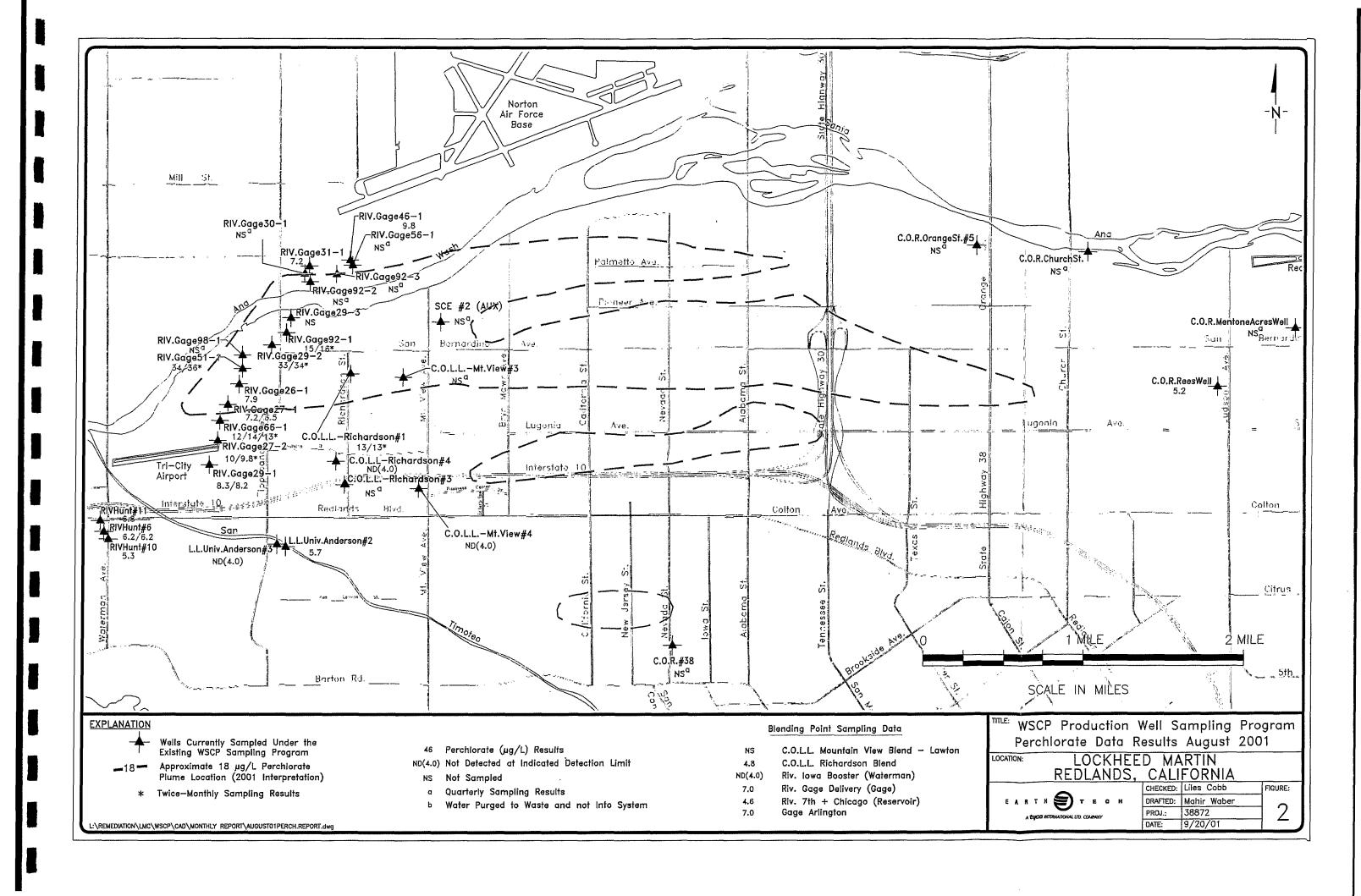
TABLE 6

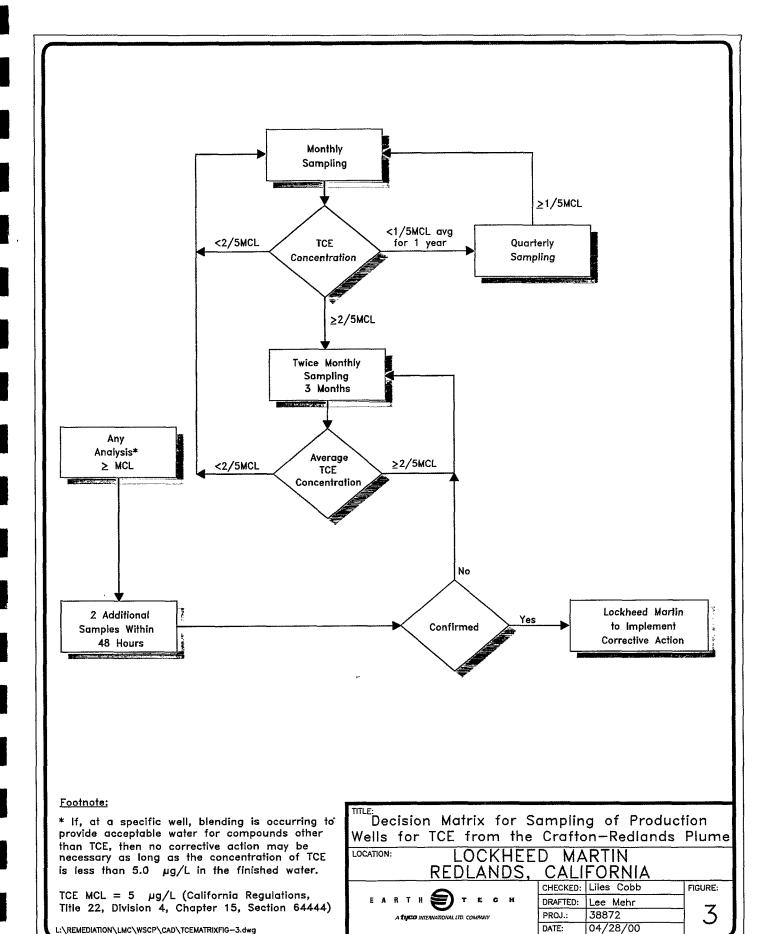
WSCP PRODUCTION WELL SAMPLING PROGRAM AUGUST 2001 SAMPLE IDENTIFICATIONS

| Well Number | Well Name | | Sample | Sample Number | Analyzed for | Analyzed for |
|-------------------|---------------------------------------|---|---------------------------------------|--------------------|--------------|--------------|
| | NA CANADA | Sample Date | Time | Identification | Perchlorate | TCE |
| City of Loma Lind | a . | · · · · · · · · · · · · · · · · · · · | | | | |
| 3106 | Mountain View #3 | NS | NS | , NS | NS | NS |
| 3171 | Mountain View #4 | 8/1/01 | 10:30 | GW-8-3 | Yes | Yes |
| 693 | Richardson #1 | 8/1/01 | 9:35 | GW-8-1 | Yes | Yes |
| 693 | Richardson #1 | 8/15/01 | 9:45 | GW-8-29 | Yes | No |
| 707 | Richardson #3 | NS | NS | NS | NS | NS |
| 3132 | Richardson #4 | 8/1/01 | 10:05 | GW-8-2 | Yes | Yes |
| City of Loma Lind | la Water System Sampling Points | | કે | | | |
| 2967 | Mountain View Blend - Lawton | NS | ŃŚ | NS | NŠ | NS |
| 2968 | Richardson Blend | 8/1/01 | 11:10 | GW-8-4 | Yes | Yes |
| Mountain View P | ower (Formerly Southern California Ed | dison) | Sir Wi | | | |
| 554 | SCE #2 (AUX) | N\$ | NS | NS I | NŠ | NS |
| oma Linda Univ | | *************************************** | · · · · · · · · · · · · · · · · · · · | · | | |
| 267 | ILL Univ Anderson #2 | 8/2/01 | 13:35 | ĞW-8-24 | Yes | NA |
| 717 | LL Univ Anderson #3 | 8/2/01 | 13:55 | GW-8-25 | Yes | NA NA |
| City of Riverside | | | : | <u> </u> | | |
| 252 | Gage #26-1 | 8/2/01 | 10:50 | GW-8-18 | Yes | Yes |
| 258 | Gage #27-1 | 8/2/01 | 14:15 | GW-8-26 | Yes | Yes |
| 258 | Gage #27-1 (Duplicate) | 8/2/01 | 14:20 | GW-8-27 | Yes | Yes |
| 259 | Gage #27-2 | 8/2/01 | 12:45 | GW-8-22 | Yes | No |
| 259 | Gage #27-2 | 8/15/01 | 12:25 | GW-8-34 | Yes | No No |
| 260 | Gage #29-1 | 8/2/01 | 12:25 | GW-8-20 | Yes | No |
| 260 | Gage #29-1 (Duplicate) | 8/2/01 | 12:28 | GW-8-21 | Yes | No |
| 219 | Gage #29-2 | 8/2/01 | 9:40 | GW-8-15 | Yes | Yes |
| 219 | Gage #29-2 | 8/15/01 | 10:40 | GW-8-30 | Yes | No |
| 220 | Gage #29-3 | NS NS | NS NS | NS NS | NS | NS |
| 218 | Gage #30-1 | NS NS | NS NS | NS NS | NS NS | NS NS |
| 214 | Gage #31-1 | 8/2/01 | 10:35 | GW-8-17 | Yes | No |
| 215 | | 8/2/01 | 10:35 | GW-8-17 GW-8-16 | Yes | No |
| 253 | Gage #46-1 | 8/2/01 | 11:10 | GW-8-19 | Yes | Yes |
| 253 | Gage #51-1 | | | | Yes | |
| | Gage #51-1 | 8/15/01 | 11:10 | GW-8-31 | | No |
| 216 | Gage #56-1 | NS 8/2/01 | NS | NS OW CO | NS Yes | NS |
| 257 | Gage #66-1 | | 13:05 | GW-8-23 | | No |
| 257 | Gage #66-1 | 8/15/01 | 11:35 | GW-8-32 | Yes | No |
| 257 | Gage #66-1 (Duplicate) | 8/15/01 | 11:40 | GW-8-33 | Yes | No |
| 644 | Gage #92-1 | 8/2/01 | 14:45 | GW-8-28 | Yes | Yes |
| 644 | Gage #92-1 | 8/15/01 | 13:20 | GW-8-35 | Yes | No |
| 641 | Gage #92-2 | NS | NS | NS | NS | NS |
| 642 | Gage #92-3 | NS | NS | NS NS | NS | NS |
| 3091 | Gage #98-1 | NS NS | NS | NŞ | NS | NS |
| | (Waterman System) | <u> </u> | 72.12 | 311111 | | |
| 273 | Hunt #6 | 8/1/01 | 13:15 | GW-8-6 | Yes | NA NA |
| 273 | Hunt #6 (Duplicate) | 8/1/01 | 13:20 | GW-8-7 | Yes | NA NA |
| 271 | Hunt #10 | 8/1/01 | 13:55 | GW-8-9 | Yes | NA NA |
| 272 | Hunt #11 | 8/1/01 | 13:40 | GW-8-8 | Yes | <u> NA</u> |
| | Water System Sampling Points | | | | | <u> </u> |
| 2946 | Iowa Booster (Waterman) | 8/1/01 | 14:35 | GW-8-10 | Yes | Yes |
| 2947 | Gage Delivery (Gage) | 8/1/01 | 15:00 | GW-8-11 | Yes | Yes |
| 2947 | Gage Delivery (Gage) Duplicate | 8/1/01 | 15:05 | GW-8-12 | No | Yes |
| 2948 | 7th & Chicago (Reservoir) | 8/1/01 | 15:25 | GW-8-13 | Yes | Yes |
| 3018 | Gage Arlington | <u>8</u> /1/01 | 15:45 | GW-8-14 | Yes | NA |
| City of Redlands | | | | | | |
| 542 | COR Church St | NS | NŠ | NŠ | NŜ | NŠ |
| 2673 | COR #38 | NS | NS | NS | NS | NS |
| 535 | COR Mentone Acres | NS | NS | NS | NS | NS |
| 29 | COR Orange St | NS | NS | NS | NS | NS |
| 74 | COR Rees | 8/1/01 | 12:40 | GW-8-5 | Yes | No |

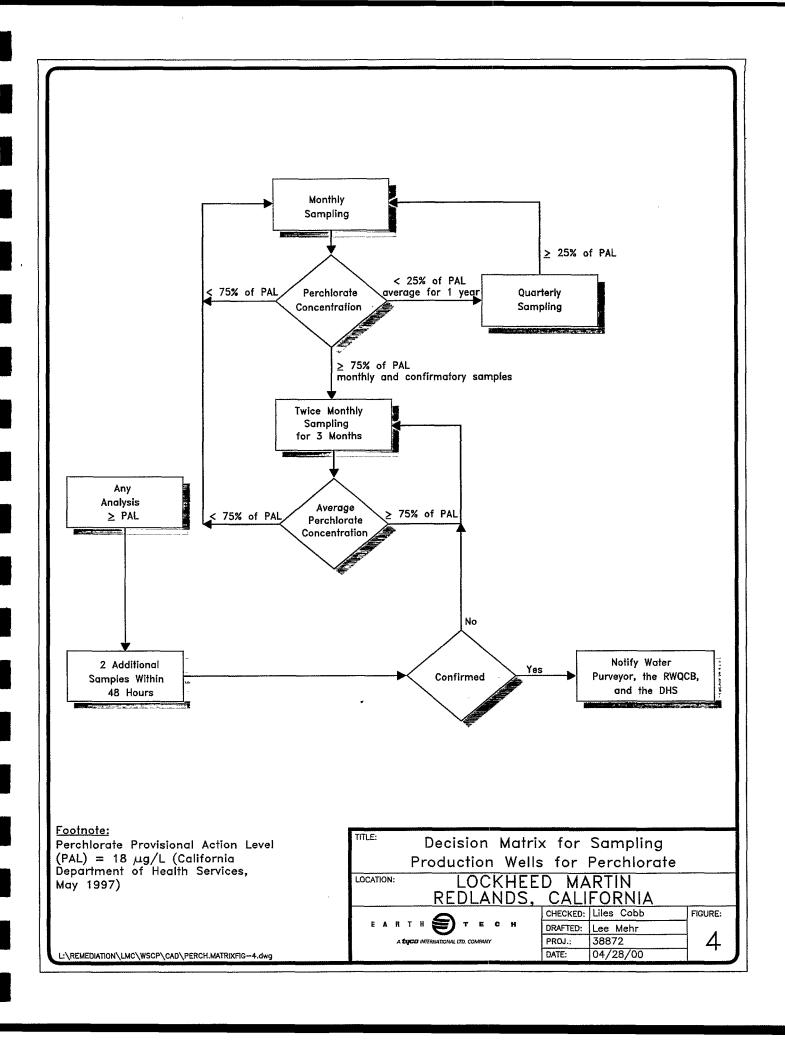
FIGURES







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ATTACHMENT A

FIELD SAMPLE FORMS (Available Upon Request)

ATTACHMENT B

CHAIN-OF-CUSTODY RECORDS AND
LABORATORY DATA SHEETS AND LEVEL III MODIFIED
QUALITY ASSURANCE/QUALITY CONTROL DOCUMENTATION
(Available Upon Request)